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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/838,895	04/20/2001	Young-Sik Park	678-615 (P9447)	1685
28249	7590	11/30/2004	EXAMINER	
DILWORTH & BARRESE, LLP 333 EARLE OVINGTON BLVD. UNIONDALE, NY 11553			PHAM, BRENDA H	
			ART UNIT	PAPER NUMBER
			2664	

DATE MAILED: 11/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/838,895

Applicant(s)

PARK ET AL.

Examiner

Brenda Pham

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-17 is/are allowed.
- 6) ☒ Claim(s) 1-4, 6 and 8-10 is/are rejected.
- 7) ☐ Claim(s) 5, 7, 11-13 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4/20/2001.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

1. Claims 1-17 have been examined.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1 and 6 are rejected under 35 USC 102(e) as being anticipated by THAKKER (US 6,487,602 B1).

Claims 1 and 6, THAKKER discloses a method and system for providing multimedia service, comprising: a mobile communication terminal (20) for accessing an Internet (160) in response to a request (145) for multimedia information (voice and/or data) by a user and displaying the multimedia information downloaded from the Internet on a display {**the requested information 148 is displayed to the mobile subscriber on a display 21 of the MS 20 (column 5, lines 23-25)**}; and a mobile switching center (14) for accessing, in response to the request for the multimedia information (145) from the mobile communication terminal (20), a web server (210) containing the multimedia information (**real-time stock quotes, sports scores, air/train schedules, mobile banking or E-commerce capabilities, from a web site 200 on the Internet 160**) and

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being connected to the Internet and transmitting the multimedia information received from the web server to the mobile communication terminal; wherein the web server (200) contains various multimedia information and provides the multimedia information requested by the mobile communication terminal to the mobile communication terminal via the mobile switching center (14). {When the AP 205 receives the SMTP envelope 230a, the AP 205 extracts the short message data (information request 145) from the SMTP envelope 130a, processes the information request 145 and accesses the web site 200 to retrieve the requested information 148. Thereafter, the AP 205 packs the requested information 148 into another SMTP envelope 230a and sends this SMTP envelope 230a back to the AM 15 within the MSC/VLR 14. The AM 15 within the MSC/VLR 14, in turn, extracts the requested information 148, and the MSC/VLR 14 pages the MS 20 and sends this requested information 148 back to the MS 20 in a mobile terminated SMS message 140b. It should be noted that the MSC/VLR 14 sends the requested information 148 as IP packets 135b to the A-bis Gateway 30, which converts the IP packets 135b into the mobile terminated SMS message 140b and transmits the mobile terminated SMS message 140b to the MS 20 via the BTS 24 over the air interface 120. The requested information 148 is displayed to the mobile subscriber on a display 21 of the MS 20, (column 5, line 5-25).}

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2, 4, 8 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over THAKKER (US 6,487,602 B1) in view of FRYER (US 6,233,428 B1).

Claim 2, as explained in the rejection statement of claim 1 (parent claim), THAKKER discloses all claim limitations recited in parent claim. THAKKER does not teach wherein the web server is a video server, which retrieves video data request by the mobile communication terminal from a database containing various video contents, and provides the video data to the mobile communication terminal.

FRYER, in the same field of endeavor, teaches this limitation. **{FRYER teaches user dial into the video server 13 and makes a selection from a database of available prerecorded videos (column 7, line 23-27).}**

Therefore, it would have been obvious to those having ordinary skill in the art at the time of the invention was made to implement video server, in THAKKER to provide video to user over the Internet.

Claims 4, 8, and 10, as explained in the rejection statement of claim 1 and 6 (parent claims), THAKKER discloses all claim limitations recited in parent claims. THAKKER does not teach wherein the web server is a security server, which stores

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security condition image data inputted through cameras established in areas of a particular place, and provided security condition image data of an area requested by the mobile communication terminal to the mobile communication terminal.

FRYER further teaches that a child care monitoring network integrates a centralized information dissemination system with live streaming video to increase parental involvement with child care workers and improve child care worker training, including provision for enabling parents to monitor their children during the workday over the Internet (**see abstract and figure 1,2**).

Therefore, it would have been obvious to those having ordinary skill in the art at the time of the invention was made to implementing a child care monitoring system, such as that taught by FRYER, to enabling parents to view their children during the workday at child care centers and schools.

6. Claims 3 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over THAKKER (US 6,487,602 B1) in view of LAPPENBUSCH et al (US 5,982,298).

Claims 3 and 9, as explained in the rejection statement of claim 1 and 6 (parent claims), THAKKER discloses all claim limitations recited in parent claim. THAKKER does not teach wherein the web server is a traffic information server, which stores traffic condition image data inputted through cameras established on a plurality of roads, and provides traffic condition image data of a road requested by the mobile communication terminal to the mobile communication terminal.

LAPPENBUSCH et al, in the same field of endeavor, teach, according to column 2, lines 1-80, teach a web server 26 of figure 1 which stores traffic condition image data inputted through cameras (14) established on a plurality of roads, and provides traffic condition image data of a road requested by users.

Therefore, it would have been obvious to those having ordinary skill in the art at the time of the invention was made to implement a traffic information server, in THAKKER to provide real-time traffic information to the public via the internet.

***Allowable Subject Matter***

7. Claims 14-17 are allowed over prior art.

8. Claims 5, 7, 11-13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to teach in combination the system according to claim 1, wherein the mobile switching center comprises a Video-On-Demand (VOD) server which, in response to a request by the user, stores VOD contents provided from the web server and downloads the VOD contents to the mobile communication terminal recited in claim 5.

The prior art further fails to teach or fairly suggest in combination the method according to claim 6, wherein the step of accessing the web server further comprises the steps of: requesting the user to input the user's ID and password for connection to the

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web server, allowing the user to access the web server if the inputted ID and password are identical to those registered in the web server recited in claim 7.

The prior art further fails to teach in combination the method according to claim 8, wherein the video data, transmitted from a video server via the Internet, is stored in a VOD contents database of a VOD server of a mobile switching center, and then transmitted to the mobile communication terminal by wireless recited in claim 11.

The prior art made of record further fails to teach in combination the method according to claim 9, wherein the traffic condition image data, transmitted from a traffic information server via the Internet, is stored in a VOD contents database of a VOD server of a mobile switching center, and then transmitted to the mobile communication terminal by wireless recite in claim 12

The prior art made of record does not teach or fairly suggest in combination the method according to claim 10, wherein the security condition image data is transmitted in real time from a security server to the mobile communication terminal via a mobile switching center.

The prior art made of record does not teach in combination a method for providing multimedia service, comprising the steps of: displaying a multimedia service menu on a display in response to a request for multimedia information from a user of a mobile communication terminal via an Internet; accessing a VOD server by inputting an IP address of the VOD server connected to a mobile switching center and the user's ID and password, if "video service" is selected from the multimedia service menu; downloading a video list from the VOD server and displays the video list on the display;

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requesting video data selected by the user from the video list; and receiving the video data from the VOD server in response to the request, and displaying the video data on the display as a moving image recited in claim 14.

The prior art made of record does not teach in combination a method for providing multimedia service, comprising the steps of: displaying a multimedia service menu on a display in response to a request for multimedia information from a user of a mobile communication terminal via an Internet; accessing a VOD server by inputting an IP address of the VOD server connected to a mobile switching center and the user's ID and password, if "traffic information service" is selected from the multimedia service menu; downloading a traffic information service road list from the VOD server and displaying the traffic information service road list on the display; requesting traffic condition image data of a road selected by the user from the traffic information service road list from the VOD server; and receiving the traffic condition image data from the VOD server in response to the request, and displaying the traffic condition image data on the display as a moving image recited in claim 15.

The prior art made of record fails to teach a method for providing multimedia service, comprising the steps of: displaying a multimedia service menu on a display in response to a request for multimedia information from a user of a mobile communication terminal via an Internet; accessing a security server, by inputting an IP address of the security server connected to a mobile switching center and the user's ID and password if "security service" is selected from the multimedia service menu; downloading a security service area list from the security server and displaying the security service

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area list on the display; requesting security condition image data of an area selected by the user from the security service area list from the security server; and receiving the security condition image data of the area from the security server via the mobile switching center in real time in response to the request and displaying the security condition image data on the display as a moving image recited in claim 16.

### ***Conclusion***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin, can be reached on (571) 272-3134.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

November 19, 2004

Brenda Pham

A handwritten signature in black ink that reads "Brenda A. Pham". The signature is written in a cursive style with a large, stylized "B" and "P".